

February 25, 1952

Dear Bill:

Thanks for your letter of the 20th. Mr. Zinder will let you know later, if he may, whether he can definitely accept your invitation to discuss 'Hotchkiss' paper on the spot. In any event, we will write Hotchkiss and arrange for a written discussion. I take it that two or three pages would be sufficient if not excessive.

We did not see the outline in the first letter.

Since rely,

Joshua Laderberg

June 16, 17, 18, 19, 1952

*Johns Hopkins U*

Revised Program

PHOSPHORUS METABOLISM - PART TWO

1st Day - A.M.

Session I: Mechanisms of Phosphate Assimilation

Moderator: Dr. Elmer V. McCollum

Speakers :

A. D. M. Greenberg: Phosphate Absorption and Turnover in Animals

B. Paul K. Stumpf: Phosphate Assimilation in Plants

Discussers:

1st Day - P.M.

Session II: The Role of Phosphate in Amino Acid and Protein Synthesis

Moderator: P. P. Cohen

Speakers :

A. K. Bloch: Peptide Bond Synthesis

B. C. R. Hanes: Transpeptidation and Transamidation Reactions

C. G. Cantoni: Transmethylation and Transulfuration Reactions

D. D. Bonner: Amino Acid and Vitamin Interrelationships

E. G. Perlmann: Phosphoproteins

Discussers:

2nd Day - A.M.

Session III: The Role of Phosphate in the Metabolism of Lipids

Moderator: W. Bloor

Speakers :

A. J. Folch-Pi: The Chemistry of Phospholipids

PHOSPHORUS METABOLISM - PART TWO

2nd Day - A.M.

(Continued)

B. C. Artom: Formation of Phospholipids in Animals

C. E. P. Kennedy and A. L. Lehninger: The Oxidation of Fatty Acids

Discussers:

2nd Day - P.M.

Session IV: The Synthesis and Metabolism of Nucleic Acids

Moderator: G. Schmidt

Speakers:

A. Waldo Cohn: Chemistry of Nucleotides

B. E. Chargaff: Chemistry of Nucleic Acids

C. J. O. Lampen: Metabolism of Nucleic Acids in Microorganisms

D. G. B. Brown: Metabolism of Nucleic Acids in Mammals

E. R. Hotchkiss: Function of Nucleic Acids in Cell Transformation

Discussers:

3rd Day - A.M.

Session V: The Role of Phosphate in the Metabolism of Photosynthetic and Chemoautotrophic Organisms

Moderator: Perry Wilson

Speakers :

A. M. Calvin: Phosphorus Compounds as Intermediates in Photosynthesis

B. S. Ochoa and V. Vischniac: Photoreduction of Pyridine Nucleotides

C. H. Kamen: Photoproduction of Hydrogen

PHOSPHORUS METABOLISM - PART TWO

3rd Day - A.M.

(Continued)

Discussers:

3rd Day - P.M.

Session VI: Influence of Hormones on Phosphate Metabolism

Moderator: F. Lipmann

Speakers :

- A. E. Sutherland: Effects of Insulin, Epinephrine and Alpha Cell Factor
- B. C. H. DuToit: Effects of Thyroid
- C. Joseph Aub: Function of Parathyroid
- D. Charles R. Park: Effects of Adrenal Cortical and Pituitary Hormones

Discussers:

4th Day - A.M.

Session VII: Phosphate Metabolism in Specialized Tissues

Moderator: C. F. Cori

Speakers :

- A. V. R. Potter: Cancer
- B. Wallace Armstrong: Bone
- C. J. V. Taggart: Kidney
- D. Gilbert Ling: Muscle
- E. R. Gerard, Leo Aboud, and Robert Tschirgi: Nervous Tissue

Discussers: